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* 0000800000001 * DFD

CAMBRIDGE
International Education

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

* 9 3 4 7 2 4 4 3 8 8 *

PSYCHOLOGY **9990/22**

Paper 2 Research Methods **May/June 2026**

1 hour 30 minutes

You must answer on the question paper.

No additional materials are needed.

INSTRUCTIONS

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen. Do **not** use correction fluid or tape.
- Do **not** write on any bar codes.

INFORMATION

- The total mark for this paper is 60.
- The number of marks for each question or part question is shown in brackets [ ].

This document has **12** pages. Any blank pages are indicated.

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Section A

Answer **all** questions.

1 Peter and Cicely are both testing attention but are conducting different studies.

(a) Suggest **two** ways to measure attention.

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..... [2]

(b) Peter and Cicely used different sampling techniques. Peter recruited his sample with an advertisement on social media. Cicely recruited her sample from the people who walked past her office door.

(i) Define 'sampling technique'.

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..... [1]

(ii) Name the sampling technique Peter used.

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(iii) Name the sampling technique Cicely used.

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..... [1]

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2 From the study by Pozzulo et al. (line-ups):

(a) Explain how **one** independent variable (IV) was operationalised.

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(b) Explain how **one** dependent variable (DV) was operationalised.

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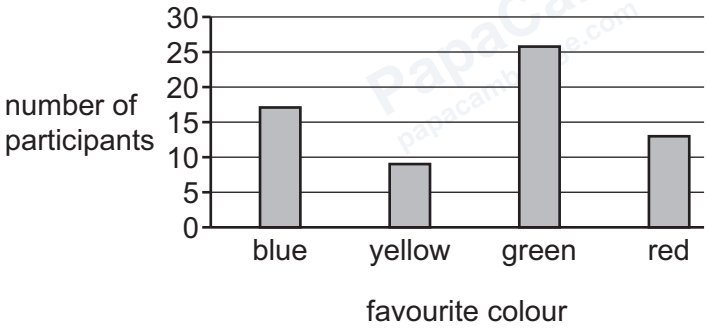

Figure 3.1

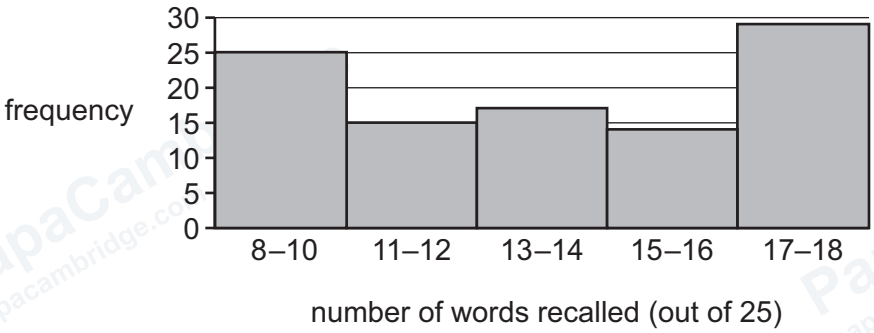

Figure 3.2

(a) Name the type of graph shown in Figure 3.1.

..... [1]

(b) Name the type of graph shown in Figure 3.2.

..... [1]

(c) Draw a table using the data in Figure 3.2. You **must** label the rows and columns of your table.

[4]

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4 **(a)** Define 'subjectivity'.

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..... [1]

(b) Suggest how subjectivity could have occurred in the study by Bandura et al. (aggression).

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..... [1]

5 Describe the following ethical guidelines in relation to human participants, using any example(s):

- confidentiality
- privacy.

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6 Dhivya is planning to observe the different ways that animals find food. She will record the behaviours in a checklist.

(a) The behavioural categories in Dhivya's checklist will include finding food by:

- digging
- looking around
- sniffing.

(i) Operationalise any **two** of Dhivya's three behavioural categories.

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..... [2]

(ii) Suggest **one** other category that Dhivya could include about the different ways that animals find food.

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..... [1]

(b) Explain how **two** ethical guidelines relating to the use of animals are relevant to Dhivya's study.

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7 Gill is planning a case study of a man known worldwide for his helpfulness.

(a) Some case studies use triangulation.

(i) Explain what is meant by triangulation, using Gill's study as an example.

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..... [2]

(ii) Explain **one** strength of using triangulation in a case study.

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(b) Explain **one** strength of the case study research method, other than the use of triangulation.

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(c) Explain **two** weaknesses of the case study research method, using Gill's study as an example.

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..... [4]

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8 Mitul is investigating whether there is a relationship between mindfulness and sleep quality (how well people sleep). He is planning for his participants' sleep quality to be measured in their own homes.

(a) Suggest **one** way that sleep quality could be measured in the participants' homes.

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..... [2]

(b) Suggest **one** practical advantage of measuring sleep quality in participants' homes compared to measuring sleep quality in a laboratory.

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(c) Suggest **one** practical disadvantage of measuring sleep quality in participants' homes compared to measuring sleep quality in a laboratory.

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Section B

Answer **all** questions.

9 Sydney is planning a longitudinal study using a group of children. The children use a centre where they choose activities such as cooking, stories, sports and a maths club. Sydney is investigating whether the children's choice of activities changes as they get older.

(a) Describe how Sydney could conduct a longitudinal study to investigate changes in the children's choice of activities as they get older. He will test each of the participants within one week of their birthday each year.

Do **not** describe sample / sampling technique or ethical issues/guidelines in your answer.

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..... [10]

(b) (i) Explain **one** strength of the measure(s) you described in **9(a)** to collect data about the children's choice of activities.

Do **not** refer to sampling in your answer.

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..... [2]

(ii) Explain **one** weakness of the measure(s) you described in **9(a)** to collect data about the children's choice of activities.

Do **not** refer to sampling in your answer.

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